

FEATURES

- Choice of low iridescent diffuse or specular louver finishes. Ideal for use with triphosphor lamps.
- Black reveal provides floating louver appearance, conceals optional air-supply slots.
- Overlapping flange and modular ceiling trims factory installed with standard swing-gate hangers or field convertible with optional trim and hanger kits.
- Optional heat-removal dampers and air-pattern control blades allow airflow control.
- T-hinges die-formed for maximum strength. Latches spring-loaded, concealed in reveal.
- Guaranteed for one year against mechanical defects in manufacture.

SPECIFICATIONS

BALLAST — Thermally protected, resetting, Class P, HPF, non-PCB, UL listed, CSA certified ballast is standard. Energy-saving and electronic ballasts are sound rated A. Standard combinations are CBM approved and conform to UL 935.

WIRING & ELECTRICAL — Fixture conforms to UL 1570 and is suitable for damp locations. AWM, TFN or THHN wire used throughout, rated for required temperatures.

MATERIALS — Housing formed from cold-rolled steel. Louvers formed from anodized aluminum. No asbestos is used in this product.

FINISH — Five-stage iron-phosphate pretreatment ensures superior paint adhesion and rust resistance. Painted parts finished with high-gloss, baked white enamel.

LISTING — UL listed and labeled. Listed and labeled to comply with Canadian and Mexican Standards (see Options).

Specifications subject to change without notice.

Type

Catalog number

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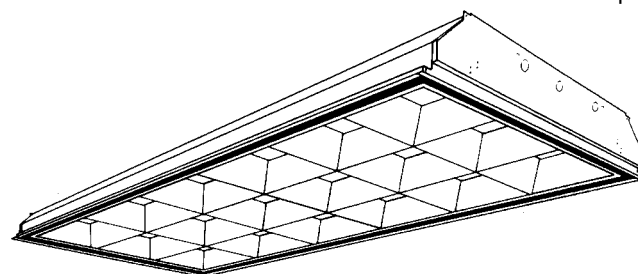
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PARAMAX® Parabolic Troffer

PM4 2'x4'

4" Deep Louver

4 or 6 Lamps



ENERGY

- Luminaire Efficacy Rating (LER) and Annual Energy Cost/1,000 Lumens:

4-lamp LER.FP (LD louver) = 50. Annual energy cost = \$4.80.
Based on 32W T8 lamp, 2850 lumens, and electronic ballast.
Ballast factor = .88, input watts = 111.

Calculated in accordance with NEMA standard LE-5.

PHOTOMETRICS

Calculated using the zonal cavity method in accordance with IESNA LM41 procedures. Floor reflectances are 20%. Lamp configurations shown are typical. Full photometric data on these and other configurations available upon request.

2PM4 G B 4 32 32LD

Report LTL 5573 - Lumens per lamp = 2900

S/MH (along) 1.2 (across) 1.3

Coefficient of Utilization

Ceiling Wall	80%			70%			50%			0%		
	70%	50%	30%	70%	50%	30%	50%	30%	10%	0%	0%	0%
0	66	66	66	64	64	64	62	62	62	55		
1	62	60	59	61	59	58	57	56	55	50		
2	58	55	53	57	54	52	52	50	49	46		
3	55	50	47	54	50	47	48	46	43	41		
4	51	46	42	50	45	42	44	41	39	37		
5	47	42	38	46	41	37	40	37	34	33		
6	44	38	34	43	37	34	37	33	31	29		
7	41	34	30	40	34	30	33	30	27	26		
8	38	31	27	37	31	27	30	26	24	23		
9	35	28	24	34	28	24	27	23	21	20		
10	32	26	21	32	25	21	25	21	19	18		

Zonal Lumens Summary

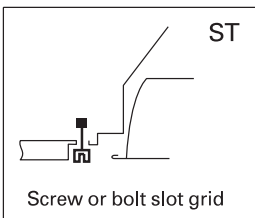
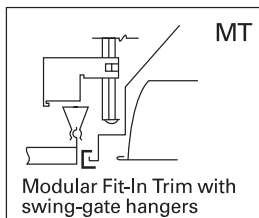
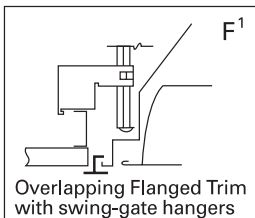
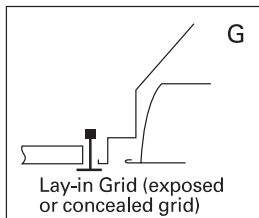
Zone	Lumens	%Lamp	%Fixture
0-30	2635	22.7	41.0
0-40	4179	36.0	65.0
0-60	6294	54.3	97.8
0-90	6433	55.5	100.0
90-180	0	0	0
0-180	6433	55.5	100.0

PM4 2'x4' 4" Louver Family, Paramax, 4 or 6 Lamps

MOUNTING DATA

Continuous row mounting of flanged units requires CRE and CRM trim options (see Options).

Ceiling Type	Appropriate Trim Type
Exposed grid tee	G
Concealed grid tee	G, ST
Concealed Z-spline	F, MT
Metal pan (consult factory)	MT
Screw slot (consult factory)	ST
Acoustical tile, plaster, or plasterboard on rigid support parallel to lamps	F

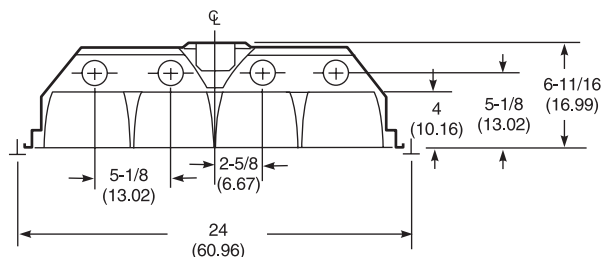


NOTES:

1 Recommended rough-in dimensions for F trim fixtures 24" x 48" (Tolerance is +1/4", -0"). Swing-gate range 1" to 4-13/16", span 23-1/2" to 26-5/16".

DIMENSIONS

Inches (millimeters). Subject to change without notice.



ORDERING INFORMATION

Example: 2PM4 G B 4 32 32LD 120 GEB

2PM4									
Series	Air function	Lamp type	Voltage	Options	Trim type	Number of lamps	Number of cells¹	Louver finish	
2PM4 Paramax 4" deep cell parabolic, 2' wide	A Air supply/return (slots in side trim) H Heat removal (through lamp cavity, dampers available) D Combination A & H B Static (no air function, matching appearance)	32 32W T8 (48") 40 40W T12 (48")	120, 277, 347, MVOLT² Others available.	1/4 One 4-lamp ballast GEB Electronic ballast, ≤20% THD GEB10IS Electronic ballast ≤10% THD, Instant Start GEB10RS Electronic ballast ≤10% THD, Rapid Start EL Emergency battery pack (nominal 300 lumens; see Life Safety Section) GLR Internal fast-blow fuse GMF Internal slow-blow fuse LST Tandem fixture pairs (shared ballasts) PWS1836 6' prewire, 3/8" dia., 18-gauge, 3 wires LP__ Lamped, specify lamp type and color HRD Heat-removal dampers APB Air-pattern control blades (A and D models only) ACS Air closure strips (A and D models only) CRE Flanged trim for continuous row mounting (end) CRM Flanged trim for continuous row mounting (middle) PAF Painted after fabrication (white enamel) CSA Listed and labeled to comply with Canadian Standards NOM Listed and labeled to comply with Mexican Standards JP8 Palletized and stretch-wrapped (8 per), G and MT trim only	G Grid F Overlapping flange MT Modular fit-in ST Screw slot	4, 6 Not included.	12, 16, 18, 24, 32	LD Low iridescent anodized diffuse silver LS Low iridescent anodized specular silver C Diffuse gold anodized (champagne) G Specular gold anodized	

NOTES:

1 Where applicable, number of rows divisible by the number of lamps unless specified otherwise.

2 MVOLT available with GEB10IS only.

PM4 2x4 4LP

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PM42x44L.p65



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